

**COMMERCIAL SITE PLAN CHECKLIST
FOR SANITARY SEWER AND WATER**

PROJECT NAME _____ JOB NO. _____

Submitted BY: _____ Contact Person: _____
Phone No: _____

Received By: _Water Dept. _____ Date: _____

1st Submittal Review By: _____ Date: _____
Technician

Reviewed By: _____ Date: _____
Engineering Supervisor

2nd Submittal Review By: _____ Date: _____
Supervisor

Final Approval Sent to Eng. Dept. _____ Date: _____

Please return this list and redlined copy of plans when revised plans are submitted. (An "X" next to items indicates needed additions or corrections)

I. General

- _____ 1. Name of site
- _____ 2. Boundary survey, north arrow and acreage of property
- _____ 3. Location sketch at a scale no less than 1"= 1000'
- _____ 4. Identify adjacent property and owners
- _____ 5. Owners name and address
- _____ 6. Seal and signature of registered engineer and surveyor on each page
- _____ 7. Plan size to be no larger than 24"x 36"
- _____ 8. Identify location and elevation of on site benchmark
- _____ 9. Source of datum for benchmark
- _____ 10. Show current **zoning** status and building setback lines
- _____ 11. Sediment control plans submitted if over 1.1 acres
All sanitary sewer extensions must also be submitted to SCS for approval

(I con't)

- _____ 12. Grading plan (two foot contours-existing and proposed)
 - _____ 13. Existing width of R/W
 - _____ 14. Existing width of pavement/back to back
 - _____ 15. Profiles or invert elevations of proposed sanitary and storm sewer lines which tie into public system
 - _____ 16. Size and location of offsite sanitary sewer with invert elevations
 - _____ 17. Size and location of existing water lines, and fire hydrants with flow and pressure data
 - _____ 18. Size and location of proposed water lines, fire hydrants, meter boxes, taps, and valves
 - _____ 19. Show County standard drawings for all appurtenances **to be dedicated to Columbia County or to be constructed in the County right-of-way.**
 - _____ 20. Identify all existing and proposed easements (also ingress and power easements). Show easements over all water and sewer to be maintained by Columbia County and width of same. Columbia County's acceptance of any utility easement will be based on serviceability of same to adjoining property
 - _____ 21. Grease traps to be installed as directed or as required by the Engineer
 - _____ 22. Larger commercial sites to install backflow prevention inside meter vaults to include a Sensus Touch Read Meter. Access to vaults for reading shall be provided by developer/owner. Internal access to be approved through Water Dept. Sensus meters to be provided by the developer
 - _____ 23. Fire protection lines shall be metered (inside vaults/pits) w/ Sensus Touch Read Meter (see #22)
 - _____ 24. Detector check w/bypass for Sensus meter required on fire line inside vertical installation-to be approved by Water Dept.
 - _____ 25. Sanitary Sewer EPD forms and design data calculations submitted:_____.
- date

II. NOTES TO BE SHOWN

- _____ 1. All water and sanitary sewer construction to conform to

Columbia County Standards and Specifications

- _____ 2. Silt barriers must be in place immediately following clearing, regardless of plan requirement or lot size. NO grading shall be done until silt barrier installation is complete
- _____ 3. Connection to existing sanitary sewer will be allowed, providing that the existing tie-in manhole is properly plugged and that the next proposed manhole is plugged. Failure to do so, will result in the contractor assuming all responsibility and liability for any damage to the downstream lift station and pumps.
- _____ 4. All easements to be grassed and/or rip-rapped as required to control erosion
- _____ 5. Water line will not be put on line until it is chlorinated, pressure tested and checked for bacteria
- _____ 6. Maximum infiltration allowable for sanitary sewer- 50 GAL/in./dia.of pipe/mile
- _____ 7. Columbia County Water Dept. Eng. office shall be notified 48 hours prior to any water or sewer taps being made
- _____ 8. Contractor/developer to provide all water taps to existing system for lines 2" and larger
- _____ 9. No Certificate of Occupancy will be released until all site improvements, as approved by the Water Dept. Engineering office, are completed
- _____ 10. Connection to the existing sanitary sewer manhole, for either the main line or for services, shall be made by coring, no hammering, jackhammering, or chipping will be allowed. **An Inspector shall be present at the time of the tie in.** It shall be the contractors responsibility to ensure that no debris are allowed downstream. A flexible rubber boot shall also be installed into the ex. manhole.
- _____ 11. All sanitary sewer services shall be installed at a minimum grade of 1% unless otherwise approved by the Engineer

Engineer's

Comments: _____

Plans Have Been Disapproved No. 1 _____
date

No. 2 _____
date